Study Guide

Astronomy - Solar System Models and Inner Planets

5th Grade

* Solar System Models
  + Ptolemy
  + Copernicus
  + Kepler
* Order of the Planets
  + Be able to spell the planets CORRECTLY!
  + Use this to help you remember the order
    - My Very Excited Mother Just Served Us Nachos
* Inner Planets
  + Mercury, Venus, Earth Mars
  + Write down 3 facts you learned about EACH of these planets (use notes, videos from class to help)
* The Sun
  + Made of hydrogen and helium
  + Three Layers – photosphere, chromosphere, corona
  + Solar Eclipse
* The Earth and the Earth’s Moon
  + Key Terms
    - Moon
      * waxing
      * waning
      * new moon
      * full moon
      * waning crescent moon
      * waxing crescent moon
      * phases
    - Earth/ Seasons
      * colder
      * warmer
      * revolution
      * rotation
      * season
* Short Answer Questions
  + From the video, explain the reasons for the extreme temperatures on both Mercury and Venus.
  + Explain the differences between a Solar Eclipse and a Lunar Eclipse.